

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,038,507 B2  
APPLICATION NO. : 10/713717  
DATED : May 2, 2006  
INVENTOR(S) : Williams

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 2

Lines 9-10, delete "caused to changing", and substitute therefor --caused by changing--.

COLUMN 2

Line 63, delete "Gamate" and substitute therefor --Garnate--.

COLUMN 4

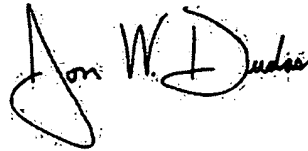
Line 23, delete "ration N", and substitute therefor --ratio *N*--.

COLUMN 6

Line 55, delete " $F_{loop\ signal} = F_{comp} = 42\text{ MHz.}$ ", and substitute therefor  
-- $F_{loop\ signal} = F_{com\ signal} = 42\text{ MHz.}$ --.

Signed and Sealed this

Second Day of January, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*